

ABSTRACT

The present invention relates to a DNA having a promoter region containing regulatory sequences of human adiponectin gene, transformants transformed with the DNA, a screening method of a compound which can enhance the human adiponectin promoter activity, which the transformants are used, and the screening kit, and a screening method of a preventive/therapeutic medicine for syndromes such as Syndrome X, metabolic syndrome, multiple risk factor syndrome, insulin resistant syndrome, deadly quartet, and visceral fat syndrome, metabolic disorders such as diabetes, obesity, hypercholesterolemia, and hyperlipoproteinemias, hyperlipidemia, arteriosclerosis, hypertonia, circulatory system disease, and hyperphagia and a pharmaceutical composition obtained by using them.